

FIG. 1

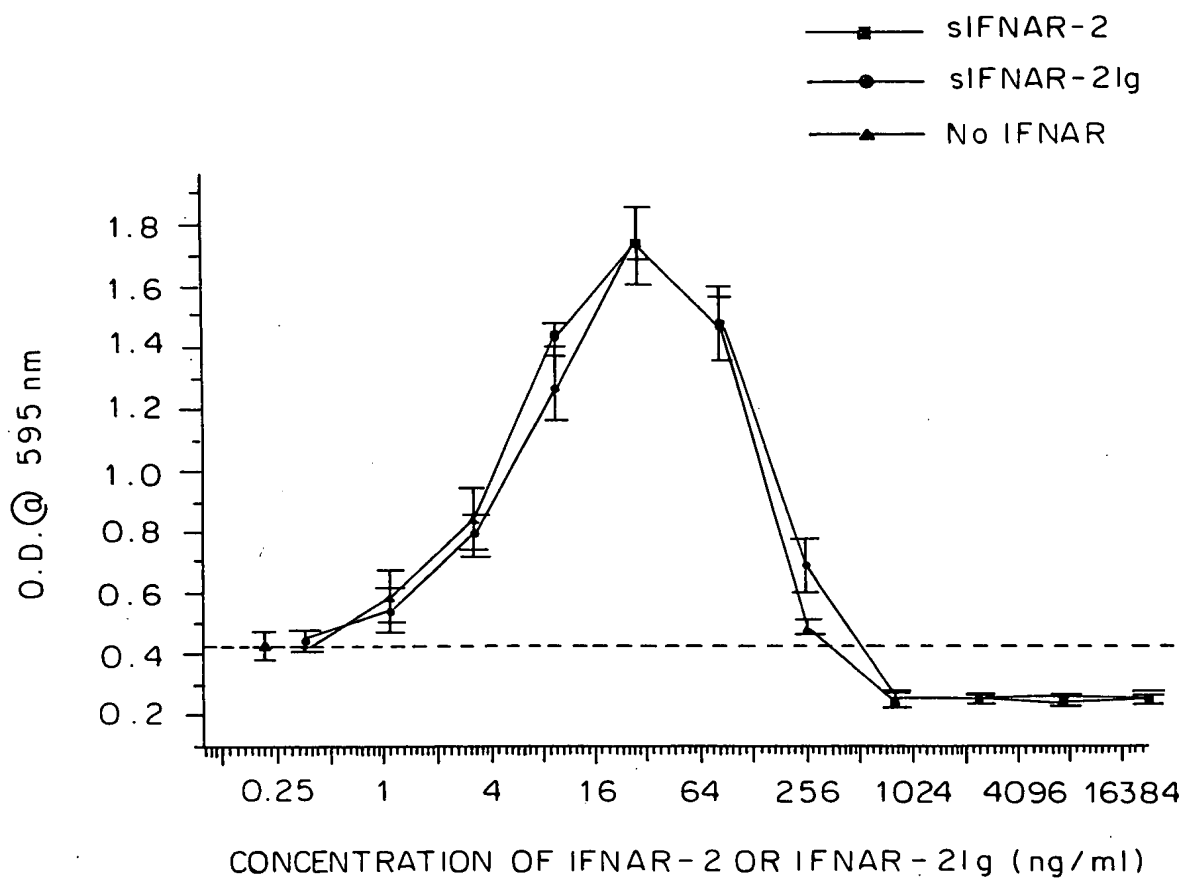


FIG. 2

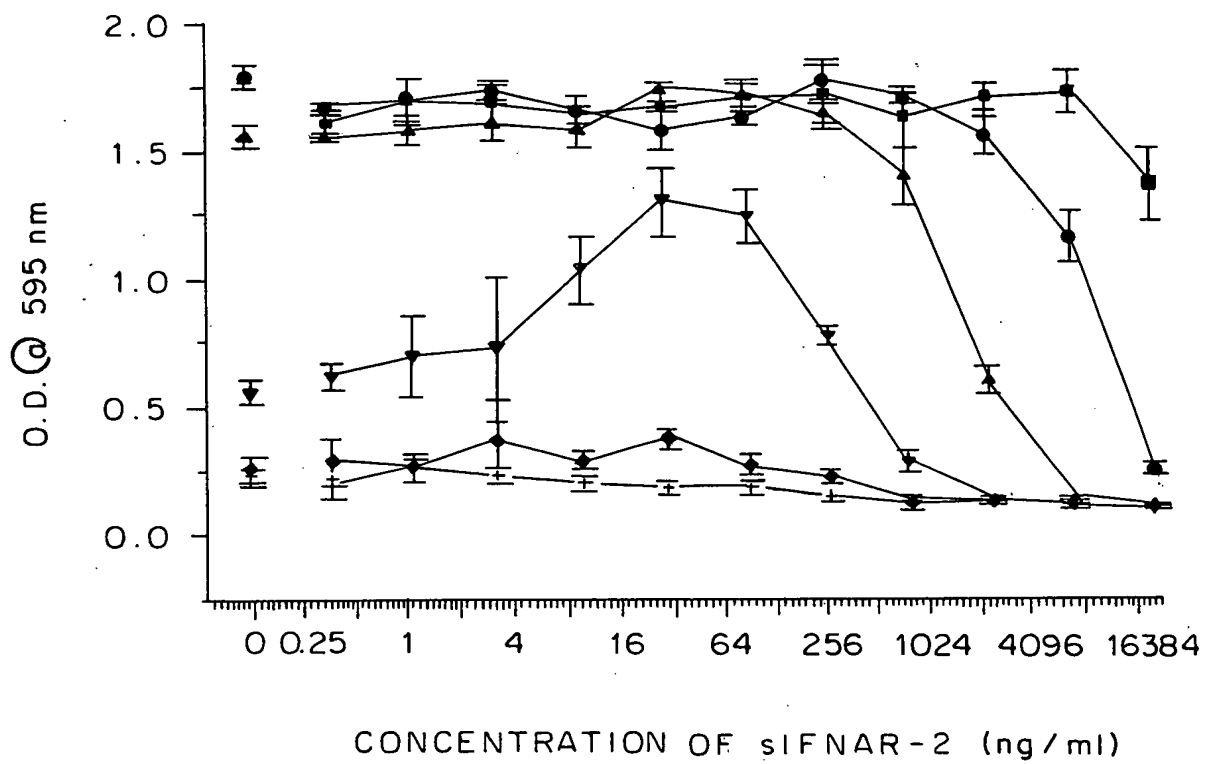
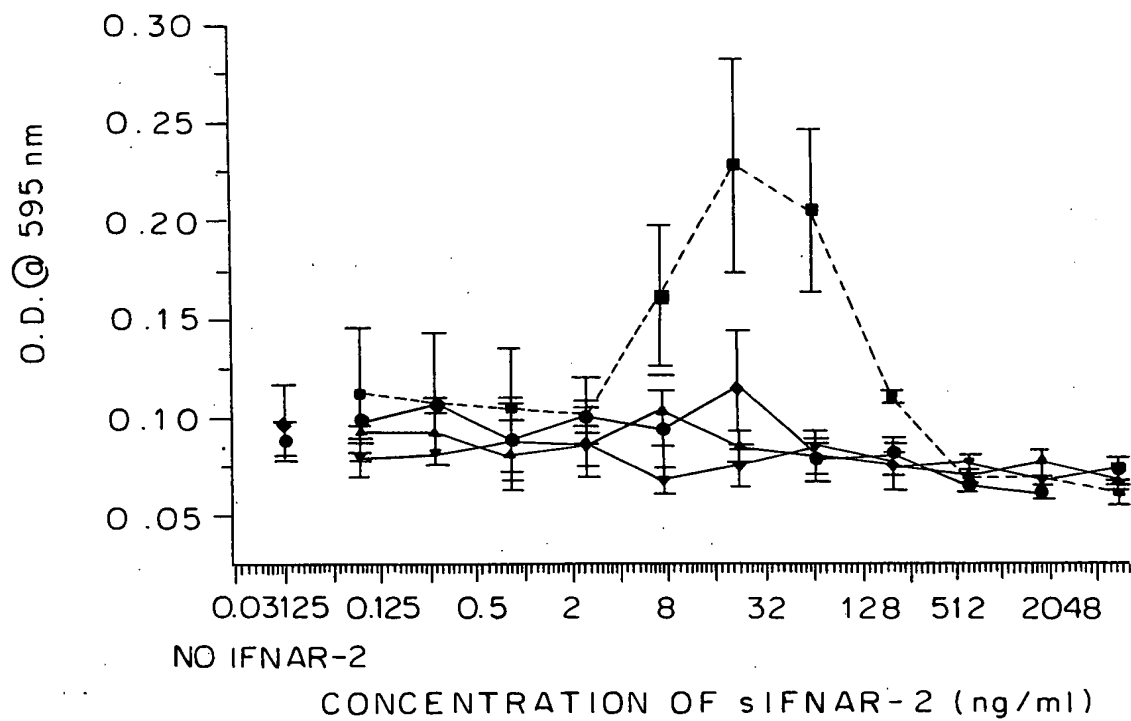
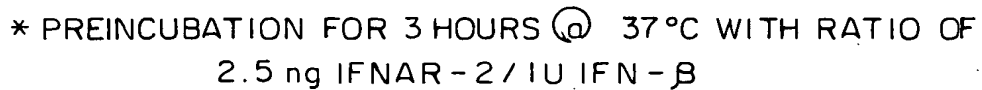


FIG. 3



PREINCUBATION OF sIFNAR-2 WITH 0.95 IU/ml IFN- $\beta$ :

- FOUR HOURS
- TWO HOURS
- ▲— SIMULTANEOUS
- ▼— NO IFN- $\beta$
- ◆— IFN- $\beta$  ONLY (NO sIFNAR-2)
- NO IFN- $\beta$  (NO sIFNAR-2)



PREINCUBATION OF IFN- $\beta$  FOR 4 HOURS @  
37°C WITH 2.5 ng PROTEIN / IU IFN -  $\beta$

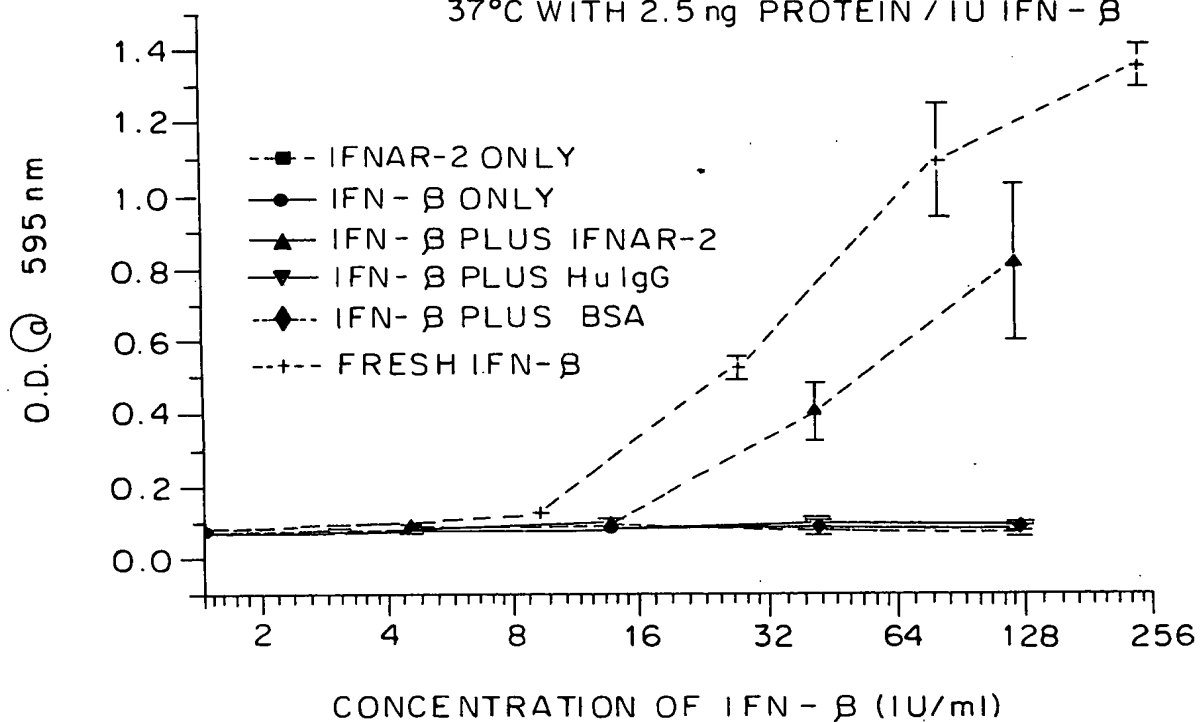


FIG. 6

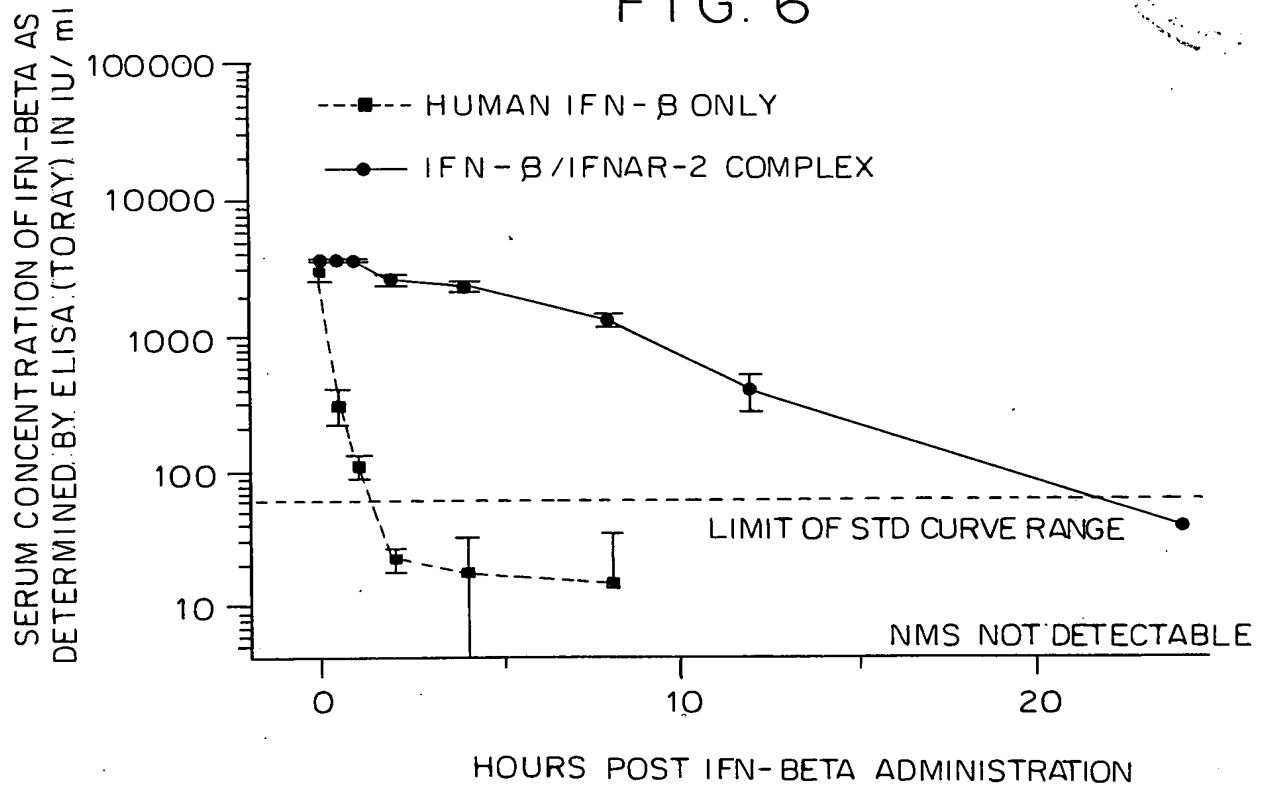


FIG. 7

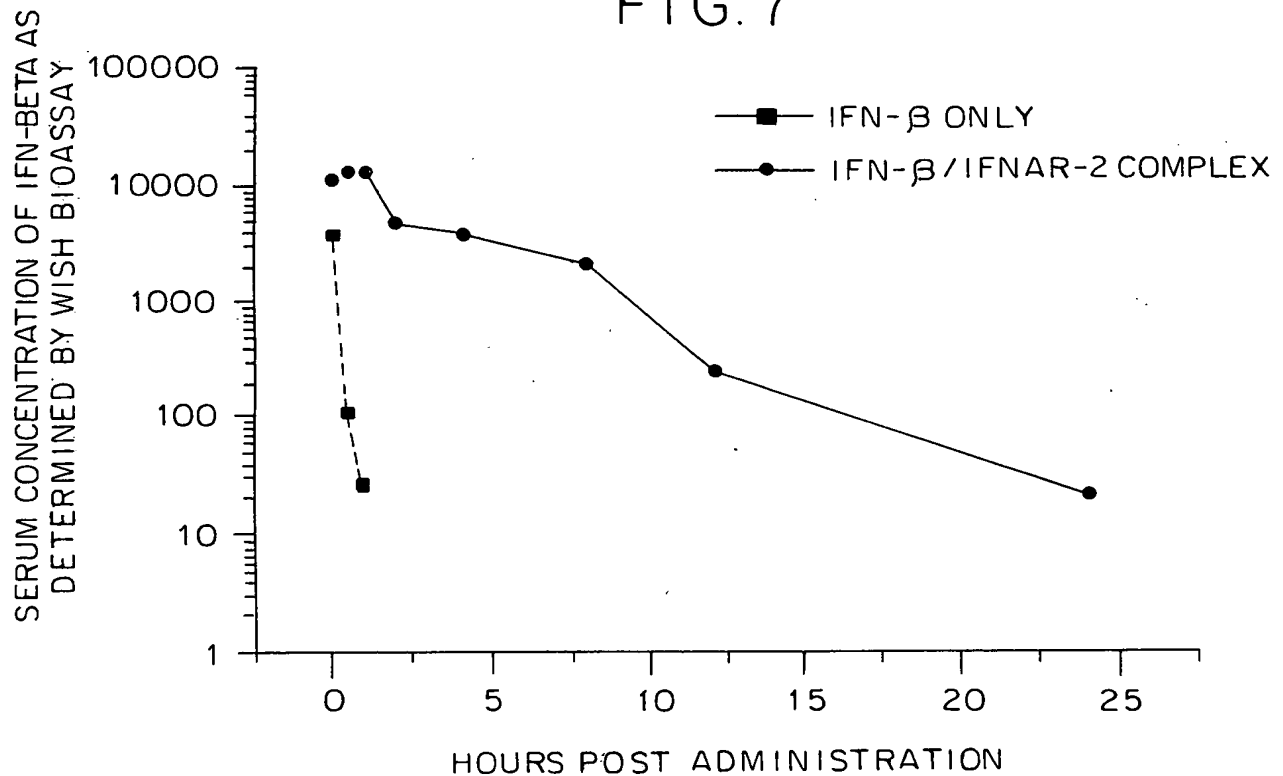


FIG. 8

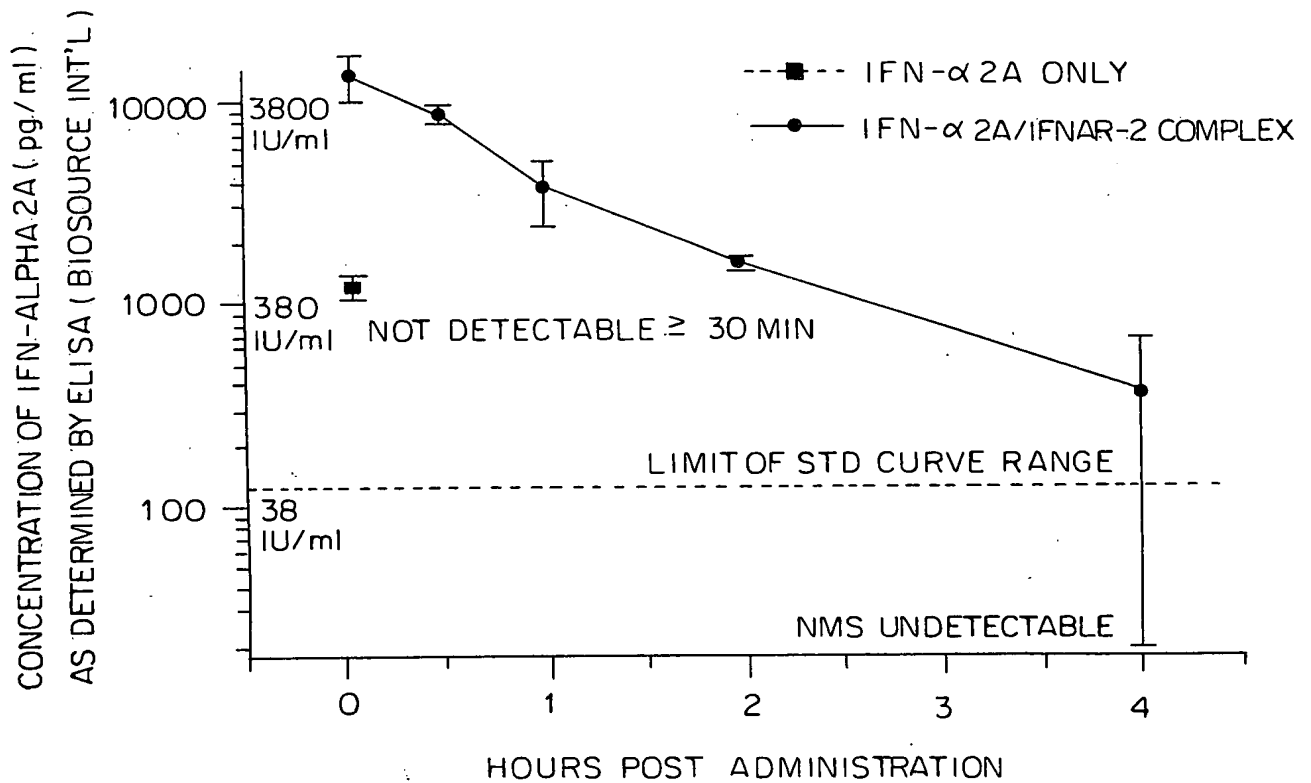
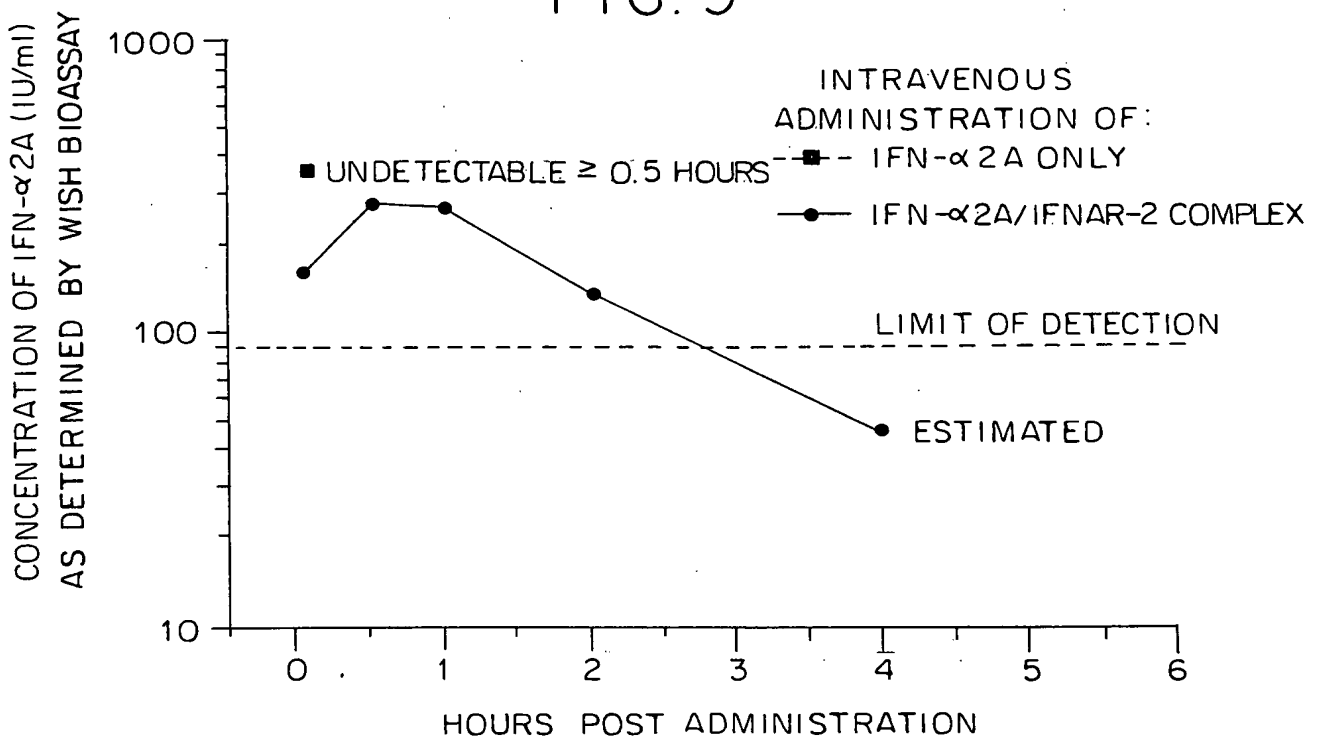


FIG. 9



## FIG. 10

-29 **Signal peptide** 1 **hIFNAR2**  
 MLLSQNAFIV RSLNLVLMVY ISLVFGISYD SPDYTDESCT  
 FKISLRNFRS  
 22  
 ILSWELKNHS IVPHTHYTLLY TIMSKPEDLK VVKNCANTTR  
 SFCDLTDEWR  
 72  
 STHEAYVTVL EGFSGNTTLF SCSHNFWLAI DMSFEPPEFE  
 IVGFTNHINV  
 122  
 MVKFPSIVEE ELQFDLSLVI EEQSEGIVKK HKPEIKGNMS  
 GNFTYIIDKL  
 172 210/211 **GS linker**  
 IPNTNYCVSV YLEHSDEQAV IKSPLKCTLL PPGQESEFSG  
 GGGSGGGGSM  
**221 hIFN $\beta$**   
 SYNLLGFLQR SSNFQCQKLL WQLNGRLEYC LKDRMNFDIP  
 EEIKQLQQFQ  
 272  
 KEDAALTIYE MLQNIFAIFR QDSSSTGWNE TIVENLLANV  
 YHQINHLKTV  
 322  
 LEEKLEKEDF TRGKLMSSLH LKRYYGRILH YLKAKEYSHC  
 AWTIVRVEIL  
 372 386  
 RNFYFINRLT GYLRN

**Amino Acids:**    -29--1, signal sequence  
                   +1-210, human IFNAR2  
                   211-220, 2x Gly4Ser linker  
                   221-386, human IFN $\beta$

*FIG. 11*

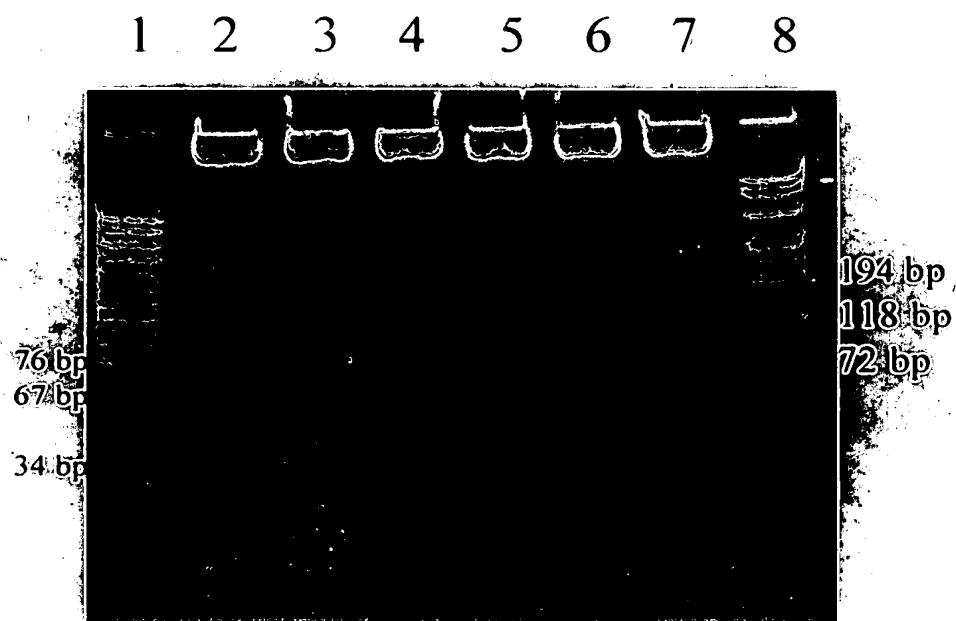
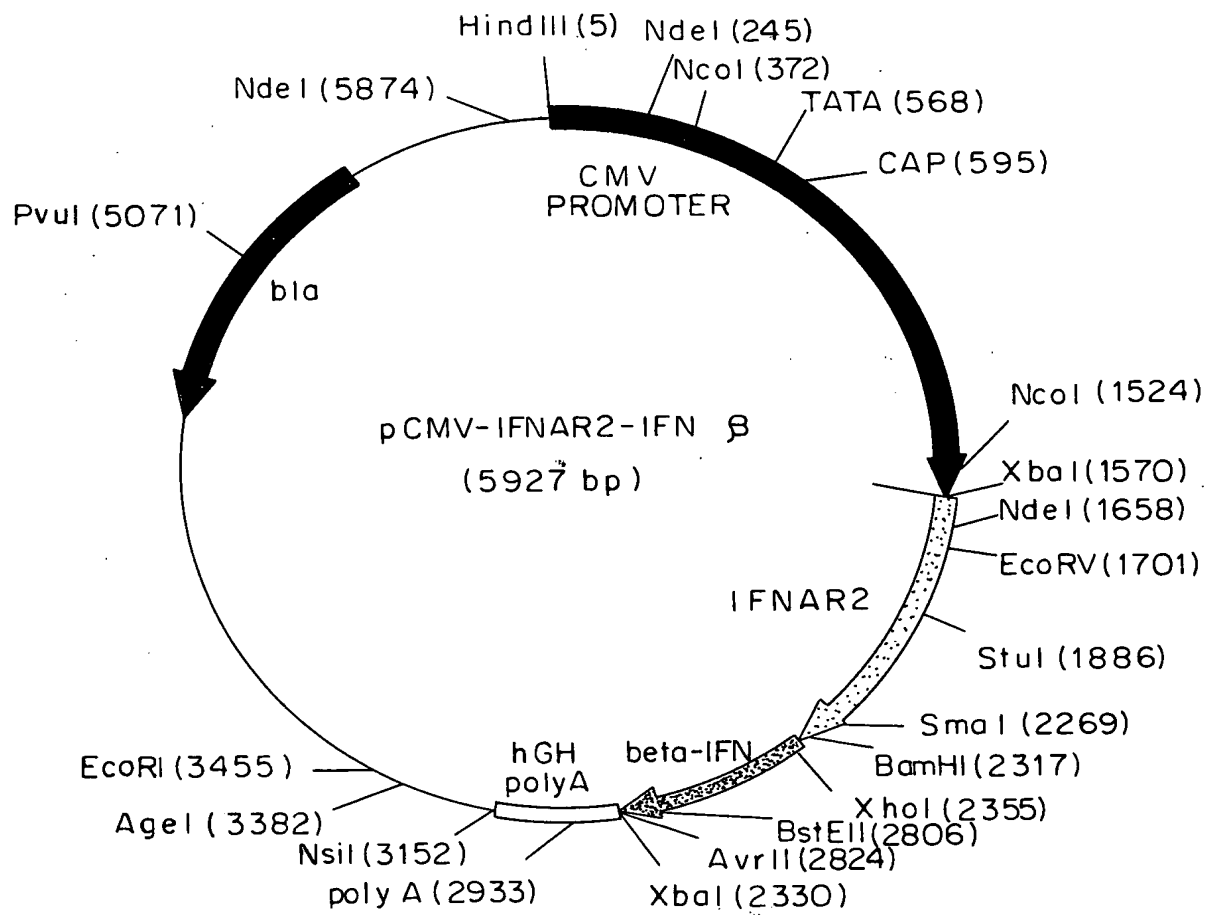




FIG. 12



*FIG. 13*

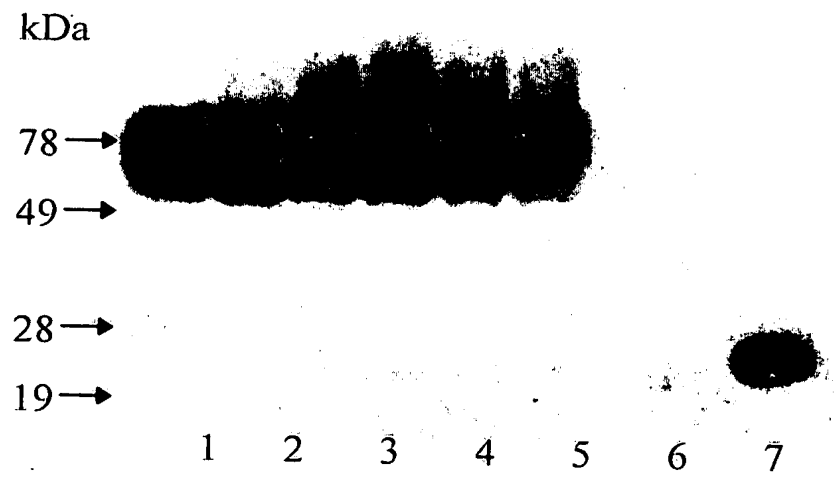


FIG. 14

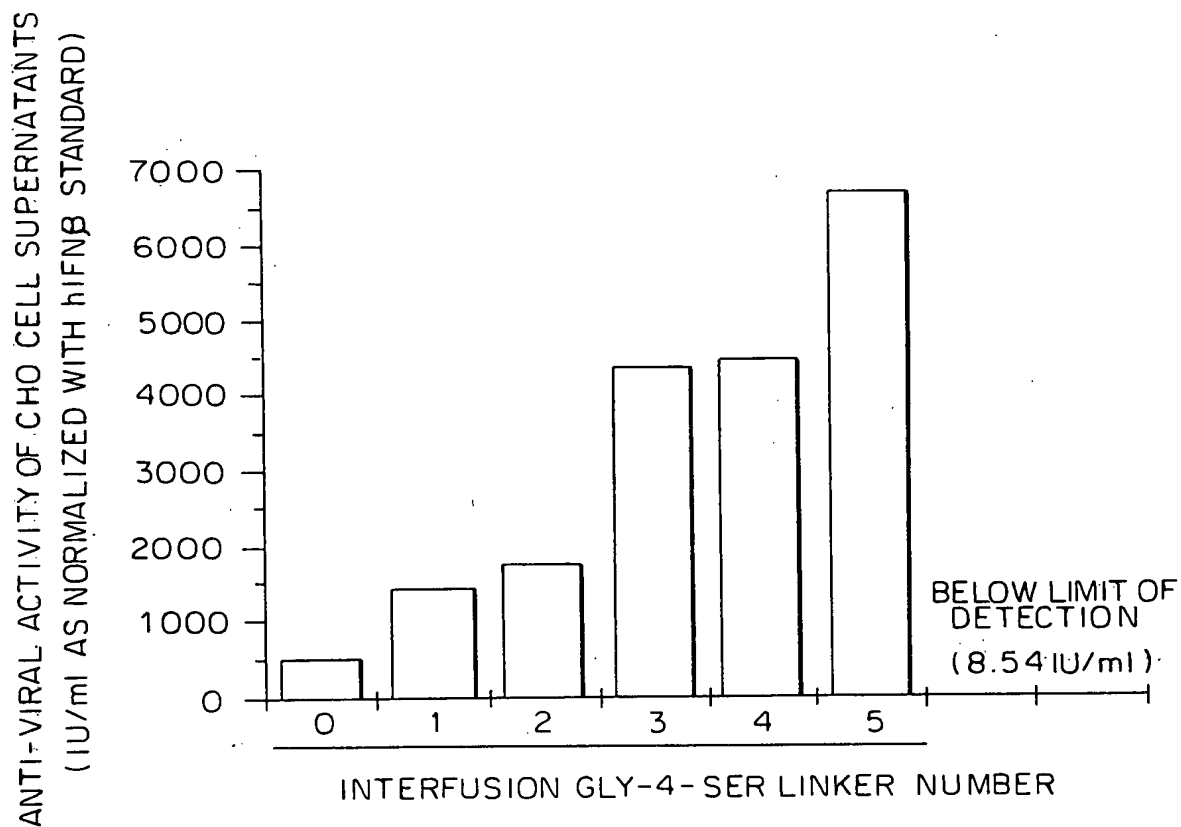


FIG. 15A

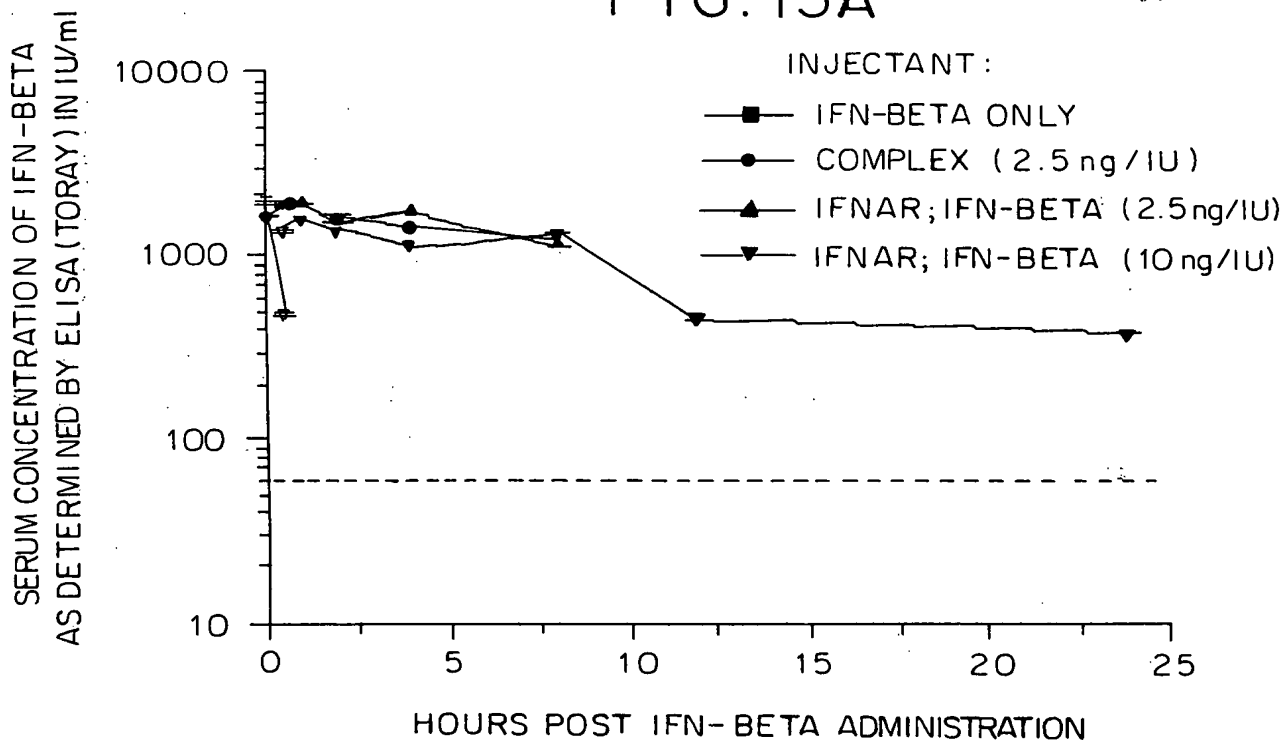


FIG. 15B

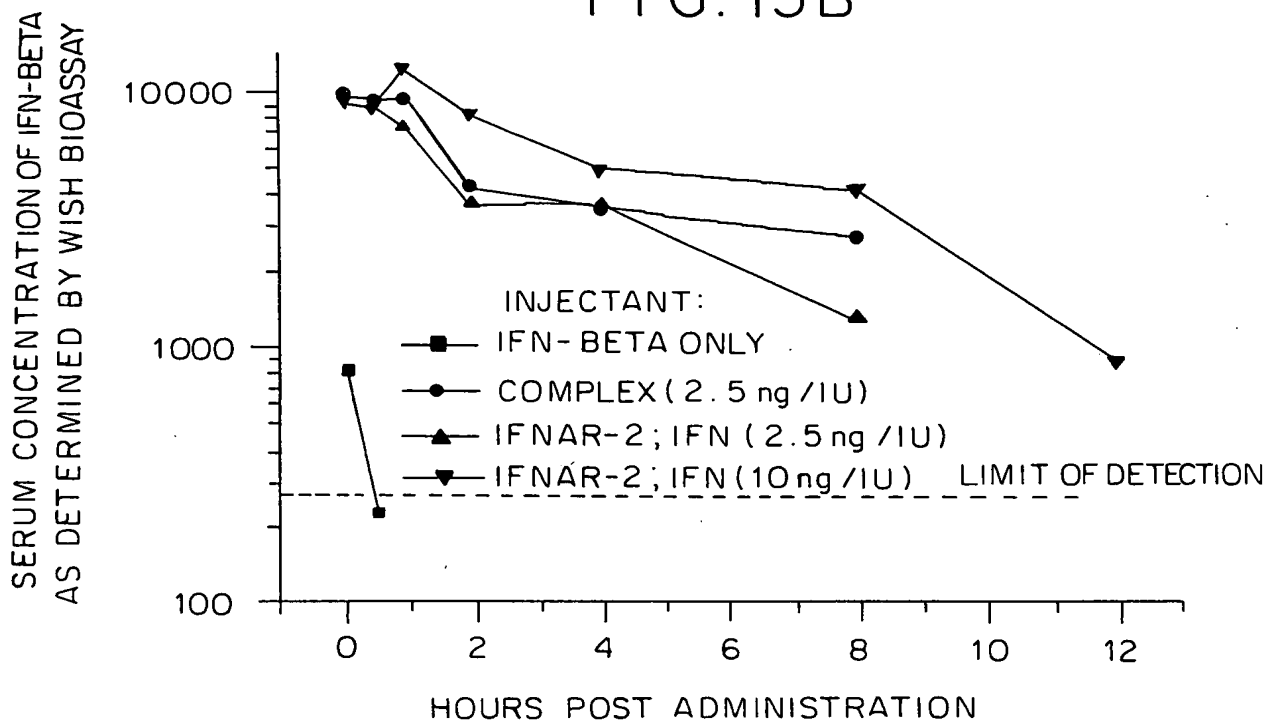


FIG. 16

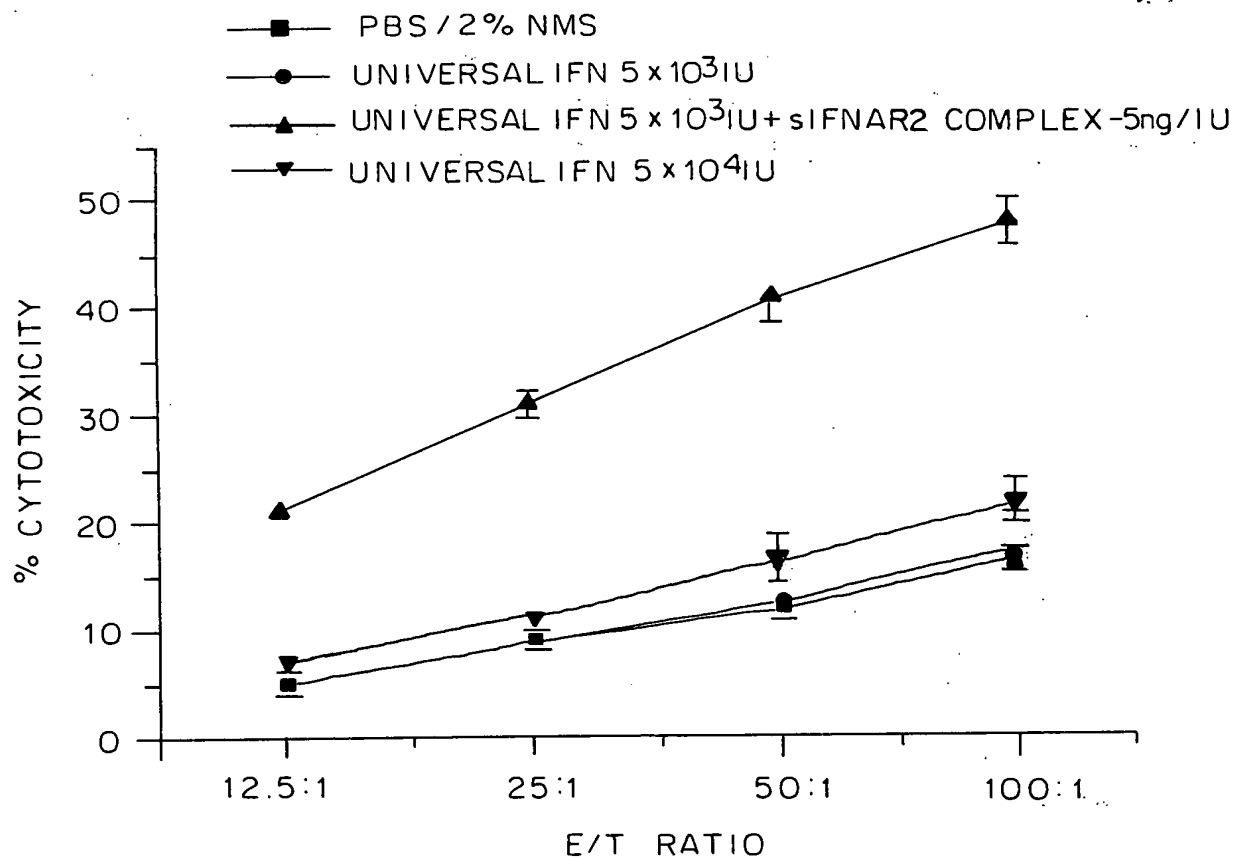


FIG. 17

